

OREGON CROP WEATHER



OREGON
AGRICULTURAL
STATISTICS
SERVICE

Volume: 10-03
Released: June 9, 2003
Week Ending: June 8, 2003

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Weather: Very warm and dry conditions prevailed over much of the State, with some counties experiencing record-breaking temperatures. Some non-irrigated pastures were showing signs of drying out as a result, but crop and plant growth has been staying strong. Fieldwork has also benefitted from the warm conditions. Areas in the southwest valleys had high temperatures above 100 degrees, combined with over two inches of rainfall. The Willamette Valley also had high temperatures in the upper nineties. Some coastal areas experienced periods of high fog. Umatilla County reported some overnight frost, with very minor crop damage.

Field Crops: Haying was underway Statewide. Crops were growing well with hot, dry weather this week but rain is needed. Drought stress was evident in some areas of Sherman and Wasco counties. In the Willamette Valley, grass seed was pollinating. In Marion County, rust in perennial ryegrass fields was relatively low for this time of year. However, some growers have applied fungicide to some fields.

Vegetables: Vegetable crops were up and growing and were being irrigated, cultivated and some were being weeded by hand. Planting continued. Tomatoes, sweet corn, squash and other tender plants were in the ground. Sweet corn and green beans were up and showing good growth. Potatoes were doing well in Umatilla County. Frost nipped some but damage was very minor. In Baker County, potatoes were up and looking good.

Nurseries and Greenhouses: Nurseries are moving pots, irrigating stock, and getting ready for summer, which came last week to western Oregon with record high temperatures. Greenhouses were still shipping bedding plants to retail outlets. Easter lily growers on the southern Oregon coast reported that buds were becoming noticeable in some fields.

Crop Condition Week Ending 6/8/03

	Very poor	Poor	Fair	Good	Excellent
Winter Wheat %	5	18	45	30	2
Barley %	2	20	45	32	1
Range & Pasture %	3	9	32	55	1

Livestock, Range and Pasture: Range and pasture land reported to be in mostly fair to good condition. The recent hot temperatures have helped grass growth, but signs of stress started to appear and precipitation is needed to prevent the grass from drying out. Increased hauling of water reported in Malheur and Wasco counties. In Harney County, cattle were being moved to grazing permit land. Livestock reported to be in good condition.

Fruit: Orchard sprays were applied in Washington, Yamhill, Wasco, Hood River, and Jackson counties. Many fruit growing counties combated the high temperatures with irrigation. Preparations for sweet cherry harvest continued in Wasco County. Pickers are expected to arrive next week. Yamhill County sweet cherry maturity has been accelerated by the record high temperatures. Most berry crops looked good in Lane County. Bartlett pear thinning was in full swing in Hood River County. Southern coast beekeepers placed hives for pollination service at local cranberry farms. Cranberry crop development was variable with more blooms showing over the week. Wine grapes were in bloom in Washington and Josephine counties.

Crop Progress Week Ending 6/8/03

	This week	Previous week	Last year	5 year average
All Barley headed (%)	41	13	63	—
All Barley emerged (%)	93	87	94	—
Spring wheat emerged (%)	97	93	—	—
Winter wheat headed (%)	75	48	76	73
Days suitable for fieldwork	6.9	6.0	—	—

Soil Moisture Week Ending 6/8/03

	Very short	Short	Adequate	Surplus
Topsoil (%)	12	33	54	1
Subsoil (%)	17	25	57	1

CLACKAMAS: Very warm and dry. Western Oregon farmer folk wisdom to never cut hay during Rose Festival week disproved. Record heat may have damaged pollinating grass seed crop. Late spring seedlings now need rain.

COOS\CURRY: Beekeepers were placing hives for pollination service at local cranberry farms. Cranberry crop development was still highly variable, but more blooms were showing this week. Some cranberry growers were using sweep nets at night to monitor fields for adult black vine weevils. Rose bloom, a fungus disease, was observed in some cranberry beds. Buds were becoming noticeable in some Curry County Easter lily fields. Pasture condition mostly good. Some haying was underway as fair weather prevailed. Dry with more sunshine and warmer maximum temperatures. Some periods of high fog near the coast. Average air temperatures at coastal AgriMet weather stations ranged from 55.6 to 56.3 degrees F; highs ranged from 71.2 to 84.1 degrees F; and lows ranged from 47.0 to 48.4 degrees F. Precipitation was 0.00" at both Bandon and Brookings-Harbor. Growing degree days (base 50 degrees F) ranged from 43 GDD at Bandon to 56 GDD at Brookings- Harbor.

JACKSON: Haying continued; there is much grass hay this year. Cultivating vegetable crops. First orchard cover sprays being applied and irrigation started.

JOSEPHINE: Grapes are blooming. Truck gardens selling strawberries. Tomatoes, corn, squash, and other tender plants are now in the ground. Nurseries are doing a brisk business in perennials and annuals. Weather was extremely warm this week; no records broken but we came close. Haying started. First settled week of weather we have had this spring. Ideal for cutting, raking and baling hay.

LANE: Prune crop poor. Peaches sizing nicely but crop down. Some thinning going on. Cherries have lots of June drop. Cherry fruit fly out. Apples and pears showing moderate crop. Lots of cedar apple rust and scab. Powdery mildew showing up on the early apples. Codling moth out in big numbers. Blueberries have a moderate crop. Raspberries and blackberries look very good. Grapes showing a moderate crop. Powdery mildew starting to show up on grapes. Corn and green beans up and growing. Lots of vegetable planting going on. Ornamental products showing huge numbers of different diseases this year. Dryland crops may falter due to extreme heat and lack of rainfall.

LINN: Record-breaking hot temperatures throughout the week.

MARION: So far, the level of rust seen in many of the perennial ryegrass fields is relatively low for this time of year; this weeks high temperatures may change that situation. Growers have applied fungicides to some fields, however. First cutting of alfalfa is complete; grass hay is still being cut and baled. Crimson clover seed fields are mostly finished blooming and seed harvest is only a couple weeks away. Grass seed was pollinating. Other crops look good. Many of the grass seed fields were beginning to pollinate. Strawberries being picked. Vegetables were up and growing.

WASHINGTON: This has been a busy week for hay making. Lots of grass hay was cut, raked and baled this week. The above normal temperatures this week were both good and bad on ground crops. The hot, dry days have started to dry out non-irrigated pastures. But it was good for hay and grain crops, giving good growth. Orchards were busy with spraying and watching for fire blight. Lots of irrigation starting in the orchards. Strawberries getting ready for consumption. Vineyards are in blossom and show lots of new growth. Sweet corn up and showing good growth. Vegetable gardens getting irrigated and cultivated with some hand weeding. Nurseries getting things in order for summer. Lot of watering and feeding of plants. Still lots of potted and balled trees, shrubs and flower pots for sale. Greenhouses getting out lots of flower and garden starts. Nursery rotation ongoing and all fields being irrigated where possible. All livestock still doing quite well with good pastures. Dryland pastures showing some drying out stress with the hot days. A good shower would help the pastures, but not good for haymaking. A very hot week with temperatures in the high 90's days and high 50's at night. A good week for outdoor work, if you like heat. Irrigation going strong in the irrigation district and all crops need water.

YAMHILL: This week has brought record high temperatures. Some spraying for cherry fruit fly in the higher elevations. The high temperatures are accelerating maturity of cherries.

EASTERN OREGON

BAKER: Potatoes were up and looked good. Winter wheat starting to head. Grain looked good. Some early hay being chopped for silage. Both pastures and rangeland looked good after last week's rain and some warm weather. Cattle turned out and were in good condition.

CROOK/JEFFERSON/DESCHUTES: Harvest of hay started last week in Jefferson County. This week it is in full swing. Some hay was down with the rain from a week ago. Crook County started hay harvest last week and should be in full swing this week, especially in the valley. There were a few fields being harvested in the lower elevation areas of Deschutes County at the end of the week. Cereals in general look good across the three counties. The rain that occurred on May 30-31 registered from 0.6 to 1.2 inches, depending upon the area.

HARNEY: Rye grain was heading. Spring grains growing. New seeding of alfalfa was being planted. Alfalfa being cut. Lots of irrigation started. Cattle being moved to forest permits. Grass growth continued with the warm weather but a good rain would be very welcome.

HOOD RIVER: Hot, dry and calm wind conditions prevailed for much of the week. Growers had good opportunities for applying the first codling moth cover spray and the first cherry fruit fly spray in the lower Hood River Valley. Irrigation and Bartlett pear thinning are in full swing.

LAKE: Warm temperatures were depleting topsoil moisture, but have also contributed to abundant vegetative growth.

MALHEUR: Temperatures normal. No rain. Most farm activities occurring. Cultivating, side dress, spraying, weeding, cutting hay, baling hay in progress. Ranges mostly good right now but won't last without moisture. Cattle fair to good. Irrigation water useage has increased significantly. Early range grasses are turning red. Hauling water for livestock has increaed. Volume of range grass is good and should hold most of the summer if livestock water is available.

SHERMAN: Rain in May varied, with some areas receiving three and half times as much as others. All of that and more were needed. Drought stress evident in many places. Fieldwork continued on schedule.

UMATILLA: Finishing first cutting of hay. Rain has affected most of the first cutting. Potatoes were doing well. Frost nipped some but damage was very minor. Frost may have damaged the irrigated wheat. Indications are that the heads may have been damaged.

WALLOWA: The weather has been very cooperative this week for crops. Could use a little bit of rain with this hot weather, but all in all the crops are growing good. Range and pasture is up and growing for livestock. We could also use some rain before grass starts to dry out.

WASCO: The weather was hot and dry during the week. The winter wheat crop continued to head out rapidly. The hot weather took its toll on the shallow soil areas in grain fields. Summer fallow fields were being cultivated and fertilized. Haying was in full swing on first cutting in the Tygh Valley area. Grain farmers are praying for rain, but the cherry farmers are protesting. Cherry orchardists continued spraying for the fruit fly and irrigation was active in new non-bearing fruit orchards. Preparations for harvest continued in cherry orchards, with a few being picked the first week of June. An influx of pickers is expected next week. Peaches and apples continued to size. Pastures continued to produce forage at a normal level and livestock are in good condition. Some pasture springs were drying up and water needed to be hauled to a few of the cattle herds.

WEATHER DATA FOR SELECTED STATIONS IN OREGON WEEK ENDING JUNE 8, 2003 (as of 11:00 am)

STATION	AIR TEMPERATURE				GROWING DEGREE DAYS BASE-50F		LAST WEEK PRECIP			SEASON CUM PRECIPITATION			
	LO	HI	AVG	DFN	TOTAL	DFN	TOTAL INCHES	DFN	DAYS	TOTAL INCHES	DFN	PCT NORMAL	DAYS
COASTAL AREAS													
Astoria/Clatsop	44	90	61	7	80	43	0.00	-0.63	0	58.65	-3.59	94	163
Crescent City	43	67	54	-2	32	-7	0.01	-0.43	1	58.47	-4.57	93	118
Florence	38	96	60	4	69	26	0.01	-0.67	1	74.73	2.07	103	143
North Bend	47	84	60	5	73	31	0.00	-0.48	0	64.20	3.36	106	141
Tillamook	39	92	61	7	79	47	0.00	-0.86	0	82.46	-0.60	99	157
WILLAMETTE VALLEY													
Corvallis	46	97	69	11	136	76	0.00	-0.35	0	33.25	-7.23	82	117
Eugene	45	91	65	6	108	41	0.00	-0.42	0	39.91	-6.92	85	141
Hillsboro	42	98	69	11	136	71	0.00	-0.35	0	35.91	0.94	103	138
McMinnville	43	96	68	10	127	61	0.00	-0.31	0	39.8	-1.49	96	143
Portland	49	98	71	10	148	68	0.00	-0.42	0	33.26	-0.32	99	139
Salem	49	96	69	10	133	69	0.00	-0.35	0	38.78	1.87	105	141
SW VALLEYS													
Grants Pass	50	102	73	10	164	67	0.00	-0.17	0	33.05	3.07	110	107
Medford	49	100	71	9	151	57	0.00	-0.17	0	22.49	4.79	127	103
Roseburg	55	96	74	13	72	-6	0.00	-0.25	0	31.79	0.66	102	124
NORTH CENTRAL													
Condon	43	88	64	8	99	50	0.00	-0.28	0	12.67	0.49	104	100
Heppner	46	93	68	9	131	57	0.00	-0.28	0	11.26	-1.01	92	100
Hermiston	41	96	68	4	130	29	0.00	-0.14	0	7.74	-0.31	96	76
John Day	43	86	64	7	93	32	0.00	-0.35	0	10.97	0.07	101	96
Moro	42	94	65	8	109	50	0.00	-0.16	0	9.77	-0.17	98	76
Pendleton	44	94	68	6	130	38	0.00	-0.19	0	11.29	0.57	105	93
The Dalles	49	99	72	14	153	90	0.00	-0.14	0	13.89	2.58	123	85
SOUTH CENTRAL													
Bend	38	89	62	8	87	48	0.00	-0.21	0	7.08	-2.93	71	60
Burns	36	87	61	7	80	41	0.00	-0.21	0	7.74	-0.57	93	77
Klamath Falls	48	89	68	11	131	74	0.00	-0.21	0	10.91	-1.18	90	82
Lakeview	41	85	64	9	100	54	0.00	-0.33	0	3.64	-10.31	26	44
Redmond	38	91	63	8	95	47	0.00	-0.21	0	6.98	-0.10	99	69
NORTHEAST													
Baker City	37	85	60	3	70	15	0.00	-0.35	0	8.11	-0.26	97	84
Joseph	39	83	60	9	72	49	0.00	-0.49	0	17.89	-3.82	82	129
La Grande	39	86	62	4	86	20	0.00	-0.38	0	10.55	-4.37	71	92
Union	39	85	62	5	83	31	0.00	-0.42	0	14.45	3.30	130	112
SOUTHEAST													
Ontario	52	94	71	6	148	39	0.00	-0.21	0	7.87	-0.69	92	72
Rome	39	92	65	5	108	31	0.00	-0.28	0	6.57	-0.19	97	68

Summary based on National Weather Service data.

Season Cumulative Precip Starts: Sunday, September 1, 2002.

DFN= Departure from normal (using 1961-90 normals period).

Precipitation Days = Days with precipitation of 0.01 inch or more.

Precipitation (rain or melted snow/ice) in inches.

Air Temperatures in Degrees Fahrenheit.

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